

Sustainable Maryland Community Certification Report

This is the Sustainable Maryland Certification Report of Greenbelt (Prince George's), a Sustainable Maryland certified applicant.

Greenbelt (Prince George's) was certified on October 10, 2017 with 600 points. Listed below is information regarding Greenbelt (Prince George's)'s Sustainable Maryland efforts and materials associated with the applicant's certified actions.

Contact Information

The designated Sustainable Maryland contact for Greenbelt (Prince George's) is:

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Sustainability Actions Implemented

Each approved action and supporting documentation for which Greenbelt (Prince George's) was approved for in 2017 appears below. Note: Standards for the actions below may have changed and the documentation listed may no longer satisfy requirements for that action. Additionally, points associated with actions prior to 2013 certifications may not be accurate.

Community Action

Innovative Demonstration Projects



Program Summary:

The City of Greenbelt would like to present four (4) Innovative demonstration projects that highlight community action: 1. Cooperatives in Greenbelt (Co-ops) 2. Green Man Festival 3. Greening Greenbelt Labor Day Festival and 4. Greenbelt Resilience Circle. Please refer to the attachment for further details.



Innovative Demonstration Projects Documentation

Participation in MD Green **Schools**



Program Summary:

The two Certified Green Schools located within the boundaries of the City of Greenbelt in Prince George's County are Eleanor Roosevelt High School and Greenbelt Middle School.



Participation in MD Green Schools Documentation

Green Team

Complete a Green Team Action Plan



Program Summary:

The City of Greenbelt was founded in 1937 as a planned community, and designed as a walkable and bikeable community. As it focuses on sustainability and the future, the City looks toward many more years of sustainable low impact development. From zero-wasting events to bike paths to its tree canopy in between, the City continually strives to live, work, and play as green as possible. The City receives input from residents in various ways and has a long history of inclusivity. City Council receives comments at all Council meetings. All Board and Commissions meetings are advertised and open to the public. Boards of interest to Sustainable Maryland Certified include: • Green ACES (Advisory Committee on Environmental Sustainability)* • FPAB (Forest Preserve Advisory Board) • ACT (Advisory Committee on Trees) • APB (Advisory Planning Board), amongst others. *The community has been surveyed by Green ACES for decades and in partnership with the Green Team since 2014. These forums have enhanced our understanding of Greenbelt's needs, interests, and behaviors with respect to sustainability. Many questions recommended by Sustainable Maryland Certified have been used to survey our residents throughout the years. Three Year Goals from 2017-2020 are listed below: 1) To continue supporting and promoting all actions from Sustainable Maryland Certification in 2014, new actions from 2014-2017, and future actions from 2017-2020. 2) To finalize the Sustainable Land Care Policy. 3) To finalize the Tree Master Plan. 4) To set up a TerraCycle station (minimize waste production). 5) To start a Community Carbon Footprint.

Piccomplete a Green Team Action Plan Documentation

Properties Appended Team Action Plan Documentation

Create Green Team

10 Points Mandatory

Program Summary:

The Green Team was enacted by Council in August of 2013 to fulfill the requirements of Sustainable Maryland Certified. Green ACES (Advisory Committee on Environmental Sustainability) has existed for decades and all members of Green ACES belong to the Green Team. Additionally, other Greenbelt residents have opted to be on the Green Team only. Green ACES/Green Team meet the fourth (4th) Tuesday of every month. Green ACES members are Ronald Bjorkland (retired professor of Geography, Sea Food Watch researcher), Matt Dirksen (Director of Project Development at Case Design), Eva Fallon (Cofounder of Club 125), Josh Hamlin (Legislative Attorney for Montgomery County and Associate County Attorney in Prince George's County), Michael Hartman (Retired from NASA as the Equal Opportunity Program Manager, current Chair of the Board of the New Deal Cafe), John Lippert (Green ACES and Green Team chair), Elvina Newton Tryer (Engineer at Soltez), Patricia Walters (Department of the Navy, physics and computer sciences), Jane Young (retired juvenile probation counselor, education), Luisa Robles (Greenbelt's Sustainability Coordinator and staff liaison), and Konrad Herling (City Council liaison). Green Team only members are Susan Barnett (Eddy Foundation), Maggie Cahalan (Vice President for Research Council for Opportunity in Education; Director of Pell Institute; Co-Founder of CHEARS), and Steve Skolink (Greenbelt Homes Inc., president of the Board of Directors, Greenbelt Community Solar LLC, member). Green ACES/Team members recruit stakeholders from the business community, merchant associations, property managers, and other interested parties in the community to participate in the city's

sustainability efforts. Following Dynamic Governance, several circles have formed that follow SMC Action Items and the Sustainability Framework Document generated by Green ACES in 2013.

Create Green Team Documentation

Participate in SMC Green Team **Training**

5 Points

Program Summary:

Dr. Luisa Robles, Sustainability Coordinator of Public Works; Erin Josephitis, Environmental Coordinator of Public Works; John Lippert Chair of Greenbelt Advisory Committee on Environmental Sustainability (Green ACES) / Green Team, Jane Young member of Green ACES / Green Team, Michael Hartman member of Green ACES / Green Team, Jeffphine Dawson member of Green ACES / Green Team, Susan Barnett member of Green Team, Jeannie Bellina friend of Green Team, Lore Rosenthal friend of Green Team, Ben Fischler friend of Green Team, and Tom Taylor friend of Green Team attended the Green Team Summit on March 3, 2016. The Summit was an opportunity for Green Team members to learn more about sustainability initiatives in neighboring municipalities; share best practices and identify common challenges; and access resources for local projects. A particular focus in 2016 was on Municipal/County interactions and overlap as it relates to sustainabilityrelated projects. Green Team members also attended the Green Team Leadership Training on November 16, 2016 in Hyattsville. The topic was Sustainability Metrics: Measuring What Matters. Participants learned about how to start harnessing the data that flows through our community's infrastructure and programs and translate it into meaningful metrics. Training also took place for additional Green Team members on November 18, 2015 in College Park. The topic was Creative Financing for Sustainability Projects. Participants learned about the basics of financing (steps for a resilient program, determining costs and creating a realistic budget), grant strategies, co-ops and bulk purchasing, innovative financing techniques, and envisioning a sustainability financing plan. These trainings provided valuable insights and established meaningful partnership connections with neighboring communities.



Participate in SMC Green Team Training Documentation

Community Based Food System

Establish CSA Drop-off Location

10 Points

Program Summary:

Since 2008, the New Deal Cafe serves as the Greenbelt pick-up location for the Calvert

Farm Community Supported Agriculture (CSA) program. The City of Greenbelt provides the space for the CSA drop off location. Residents become members of this CSA and pay an upfront subscription fee to Calvert Farm in return for a share of the season's harvest, which is picked up weekly. Calvert Farm offers summer, fall, and winter subscriptions. On average, forty residents participate in the weekly pick-up. Leftover boxes of produce from the "swap box" are donated to local food pantry or people in need.

Establish CSA Drop-off Location Documentation

Innovative Demonstration Projects

20 Points

Program Summary:

The City of Greenbelt would like to present Three Community Based Food System Innovative Demonstration Projects: 1) Major Composting Efforts 2) Greenbelt Food Forest 3) Three Sisters Demonstration Gardens. Please see attached document for additional details.



Innovative Demonstration Projects Documentation

Local Food Consumption

Establish Local Farmers Market

15 Points

Program Summary:

The Greenbelt Farmers Market (http://greenbeltfarmersmarket.org/) is an ongoing project that began in June 2008 in the center of the historic Greenbelt Community (parking lots behind 25 Crescent Road, Greenbelt, MD 20770). The market is almost entirely volunteer-driven with over 300 volunteer shifts through the entire season. The market master is Nancy Solomon. The Greenbelt Farmers Market is managed by a volunteer Board of Directors: Terry Kucera, Lynn White, Cathie Meetrie, Anne Marigza, and Clarissa Ralvobsky The market is a produceronly market, hosting vendors from within the State of Maryland or a 100-mile radius of Greenbelt. There are 27 vendors confirmed for 2017. Located in the heart of Old Greenbelt, the market has succeeded in drawing more business to nearby restaurants and stores, providing a boost to the local economy. Farmers accepted into the market sell their food and processed food items on Sunday mornings, May through November from 10am to 2pm (except Labor Day weekend). A Special Holiday Market will be on Dec. 3, 2017. The market is sustained financially through a series of grants and assessed vendor fees. The City provides the location for the market, trash and recycling collection, traffic control measures and police support. The City also helps advertise the Farmers Market by hanging banners, posting notices on the City website calendar, and writing articles in the News Review. The

Greenbelt City Council maintains a positive relationship with the market vendors, and continues to approve large signs on major city roads to inform travelers about the Greenbelt Farmers Market, signs off on vendor permits, and provides ongoing traffic safety information.

Establish Local Farmers Market Documentation

Local Food Production

Community Gardens 15 Points Priority

Program Summary:

The Greenbelt Community Gardens were started in 1938, shortly after the City was first settled. While the boundaries of the gardens have morphed somewhat over time, much of the original land still flourishes. The use of a 2,500 square-foot plot costs a nominal fee per season, making the garden affordable to people of all economic backgrounds. The gardens exist entirely on their own funding. One of the standout achievements of the community gardens is an Integrated Pest Management (IPM) plan. The IPM combines multiple management methods in order to effectively boost soil fertility, while also limiting weed and pest growth. The community gardens are run by a board, which is elected by the membership. The current Community Garden Club President is Martha Tomecek. The gardens, which celebrated their 75th anniversary in 2013, continue to be a meeting place for citizens of all socioeconomic backgrounds from around the Greenbelt area. More community garden locations are planned for the future. The City provides the land for the Community Gardens, maintenance of the borders (mowing) and pruning or removal of trees when necessary, and provides wood chip deliveries. There are three (3) community garden areas located in historic Old Greenbelt, Maryland. Individual plots vary in size.1) Henry's Hollow has 26 plots and is directly opposite the GHI Administration building, accessed from Hamilton Place. 2) Hamilton Garden had 23 plots and is behind the boat and storage area at the end of Hamilton Place. 3) Gardenway has 20 plots, they are accessed from the path that goes from the end of Gardenway to the Spellman Overpass. All plots range in size from approximately 30 ft x 30 ft to 50 ft x 50 ft.

Community Gardens Documentation

Energy

Innovative Demonstration Projects

35 Points

Program Summary:

The City of Greenbelt would like to present Four Energy Innovative Demonstration Projects:

1) Wind Energy 2) Greenbelt Tour of Solar Homes 3) Lighting Projects and 4) MSEC - Maryland Smart Energy Communities. Please see attached document for further information.

Innovative Demonstration Projects Documentation

Residential Energy Efficiency

10 Points

Program Summary:

The City of Greenbelt encourages residents to reduce the environmental impact of heating and cooling their homes and thus reducing cost by educating the community about existing utility and state programs to promote home energy efficiency, and facilitating widespread participation in these programs. The city has been participating in, and promoting the, Prince George's County Municipal Collaboration for weatherization headed by the Town of Bladensburg - Empower Clean Energy Communities Grant Program. Having better insulated homes, with up-to-date (energy star) heating and cooling systems can ensure comfortable, safe homes that save residents money over time as a result of lower energy bills, in addition to lowering their greenhouse gas emissions. The City of Greenbelt encourages residents to make environmentally friendly energy decisions and reduce their energy consumption by lending kill-a-watt meters and thermal leak detectors (gadgets) through the office of Sustainability at Public Works and the office of Maintenance at Greenbelt Homes Inc. (GHI). The City showcases the gadgets at the annual Public Works Open House, at the annual fourday-long Labor Day Festival, and at other venues. The Sustainability Coordinator (Luisa Robles) coordinates these efforts and conducts outreach by promoting the City's various programs at our Public Works Open House, at the Public Works Booth during the 4 day Labor-Day-Festival, in addition to articles in the News Review and information on the website (http://www.greenbeltmd.gov/index.aspx?NID=652)

(http://www.greenbeltmd.gov/DocumentCenter/View/3255) At this moment we are measuring our results by the number of residents that borrow the kilawatt meters and thermal leak detectors, and how many households have participated in the PGC Municipal Collaboration for Weatherization.

Parametrial Energy Efficiency Documentation

Parametrial Energy Efficiency Documentation

Greenhouse Gas

Innovative Demonstration **Projects**

35 Points

Program Summary:

The City of Greenbelt is presenting five (5) Innovative Demonstration Projects that help generate awareness on, or lower, greenhouse gas emissions: 1) Climate Change - Staff Education, 2) Climate Change - Residents Education, 3) Alternative Fuel Vehicles, 4) Green Transportation Rally, and 5) Green Public Works Building. Please refer to the attached document for more details.

Innovative Demonstration Projects Documentation

Municipal Carbon Footprint



Program Summary:

After joining the International Council for Local Environmental Initiatives (ICLEI) – Local Governments for Sustainability in 2010, the City of Greenbelt started collecting data to conduct a greenhouse gas emissions inventory. For Scope 1, or Direct greenhouse gases, the City is including the stationary combustion of gas used in the buildings for heating/cooling; and the mobile combustion of fossil fuels from our fleet of vehicles and equipment. Natural gas is reported in Therms, and fuel usage in gallons. For Scope 2, or Indirect greenhouse gases, the City is including the consumption of purchased electricity (minus the energy generated by wind). Electricity is reported in kilowatt-hours (kWh) For Scope 3, or sources not owned or directly controlled by the City, such as employee travel, solid waste disposal, etc. The City is not currently measuring those emissions. To calculate greenhouse gas emissions we used the Clean Air Climate Protection (CACP), the software provided by ICLEI. Greenhouse gas emissions information was provided in the form of carbon dioxide equivalent emissions eCO2, this is done by the software by multiplying the emissions of methane and nitrous oxide by their global warming potential. Refer to the attachment with the history of the City's emissions since 2005 for all buildings and vehicle fleet. Data shows that buildings emissions started dropping after 2009 when Greenbelt started deriving electricity from wind, and drastically dropped in 2012 when Greenbelt went 100% wind. Please see the document for additional details.



Municipal Carbon Footprint Documentation

Climate Planning

Climate Action Plan

10 Points

Program Summary:

The City of Greenbelt's Climate Action Plan (CAP) outlines actions we can take as a municipality to reduce carbon pollution, increase energy efficiency, expand renewable energy sources, and strengthen resilience to extreme weather and other climate impacts. Jim Sterling, Director of the Department of Public Works, is responsible for accomplishing each specific action in the CAP and identifying a lead entity for each task. Luisa Robles, Sustainability Coordinator, is responsible for annually reporting the results, and updating the Carbon Footprints to reflect progress toward the emission reduction targets. Both Jim Sterling and Luisa Robles will re-evaluate the Climate Action plan to ensure that the plan's goals and strategies remain relevant and consistent with the latest technology and best practices. The re-evaluation may result in a revised plan that incorporates feedback from a broad range of stakeholders. This plan has been presented to Council and to the Public through the Greenbelt's website and Municipal Access TV. Please refer to the document for additional details.

Climate Action Plan Documentation

Health & Wellness

Innovative Demonstration Projects

15 Points

Program Summary:

The City of Greenbelt has been designated as a Healthy Eating Active Living Cities and Towns (HEAL C &T), received a BRONZE medal by the Healthiest Maryland Businesses Wellness at Work Awards, and expanded activities offered through the program. The Maryland Municipal League (MML) and the Institute for Public Health Innovation embarked on an initiative to promote the Healthy Eating Active Living Cities & Towns (HEAL C&T) campaign to support local elected officials to use local policies to create healthier communities. The goal of HEAL C&T is to create a framework or vision to create a community where people can make healthier choices to eat nutritious food and be physically active throughout life, from infancy through adulthood, in order to prevent chronic conditions such as diabetes, heart disease, cancer, arthritis, stroke and hypertension that often result from obesity. In November 2013, the Greenbelt City Council passed a resolution to designate the City as part of the HEAL Cities & Towns Campaign for the Mid-Atlantic. This champions policies that improve access to healthy foods and physical activity in Greenbelt. It is a unique opportunity to incorporate healthy eating and active living policies into local projects and the long-term planning process. Since then, Greenbelt's partnership with the HEAL C&T campaign continues to align with the Greenbelt City Council's objectives, including the adoption of the Pedestrian and Bicyclist Master Plan, Safe Routes to School Program, Get Active Greenbelt Program, Explorations Topics, Kayaking Experience, Buddy Attick Summer Fun Runs, as well as supporting community gardens, a local farmers market, and the employee wellness program. In 2017, the City of Greenbelt received the BRONZE medal by the Healthiest Maryland Businesses Wellness at Work Awards. The three new HEAL

resolution goals submitted were: Green Street Master Plan, Healthy Blue Insurance Program and the Employee Wellness Program. Greenbelt was recognized at the Maryland Municipal League conference on June 27, 2017 for achieving the necessary requirements for the Gold Medal Leadership award. By joining the HEAL Cities & Towns, we have incorporated new programs with our summer camps; offering a healthy breakfast, healthy snacks, and have had the opportunity to apply for grants to help increase awareness to promote healthy eating. Additionally, the Recreation Department has expanded activities for senior citizens and offered them to those with disabilities. As part of Active Aging Week, two workshops at the Aquatic and Fitness Center on the proper use of weight equipment for the visually impaired were held. In May 2016, a Tandem Cycling event was held to teach those with visual impairments how to properly ride and communicate on tandem bicycles. The event was a huge success and sparked a new physical activity (kayaking at Greenbelt Lake) to those with visual impairments on May 20, 2017. Events were publicized on the City website, Recreation Activity Guides, Greenbelt News Review, and social media outlets.

Innovative Demonstration Projects Documentation

Let's Move 15 Points

Program Summary:

The City of Greenbelt has been providing opportunities for recreation and physical activity ever since it was founded in 1937. The Let's Move campaign was started by First Lady Michelle Obama in February 2010 to end childhood obesity in the United States. The goal is to solve the challenge of childhood obesity within a generation so that children born today will reach adulthood at a healthy weight. To increase physical activity, today's children need safe routes to walk and bike ride to school, parks, playgrounds, and community centers where they can play after school, and engage in activities like sports, and dance or fitness programs, that are exciting and challenging enough to keep them engaged. Let's Move! aims to increase opportunities for kids to be physically active, both in and out of school and to create new opportunities for families to move together. •Active Families: Engage in physical activity each day - a total of 60 minutes for children, 30 minutes for adults. •Active Schools: A variety of opportunities are available for schools to add more physical activity into the school day, including additional physical education classes, before- and after-school programs, recess, and opening school facilities for student and family recreation in the late afternoon and evening. •Active Communities: Mayors and community leaders can promote physical fitness by working to increase safe routes for kids to walk and ride to school; by revitalizing parks, playgrounds, and community centers; and by providing fun and affordable sports and fitness programs. The Greenbelt City Council, as a local government, participates in the Let's Move Cities, Towns and Counties to create long-term, sustainable policies at the local level to reduce childhood obesity rates. It provides the leadership to implement policies that have lasting effects. Since 2010, Greenbelt has been designated as one of the Let's Move Cities,

Towns and Counties in the United States. On May 30, 2013, the City of Greenbelt was awarded the National League of Cities Let's Move Bronze, Silver and Gold Medals in Goal V: Active Kids at Play. The City, on behalf of the work completed by the Greenbelt Recreation Department, earned this designation for mapping all play spaces, completing a needs assessment of play spaces, developing an action plan, and launching at least three proven policies, programs, or initiatives from the action plan to continue to increase access to physical activity. In May of 2014, Greenbelt received Gold Medal status in all five areas of the LMCTC's. Due to this status, Greenbelt is eligible and is currently working towards becoming a LMCTC All-star. On June 3, 2015 Recreation Director Julie McHale and the Greenbelt Elementary 5th Grade students Joshua May and Bela Martins were invited to the White House for a Let's Move event with the First Lady Michelle Obama. Also, a map of Greenbelt's playgrounds sorted by age groups can be found on the City website. In addition, Greenbelt became part of the Park Rx America program.



Let's Move Documentation

Living Well Program



Program Summary:

Greenbelt's Living Well Program includes Senior Health & Fitness Classes, GAIL, free interactive classes and workshops, annual Health & Wellness Fair, Active Aging Week, and Therapeutic Recreation Program. The Recreation Department offers a variety of Senior Health & Fitness Programs, including Senior Swim water exercises, Get Wii Active, Holy Cross Senior Exercise, Walk on Route 66, Purely Fun Pickleball, Ageless Grace, Yoga, and more. The Walk with Ease program, a program to get seniors walking, has been offered in different areas of the City. This program was a result of the City receiving a grant from the National Recreation and Parks Association (NRPA) and the Arthritis Foundation. Six (6) staff took the online training and became certified Walk with Ease instructors. The Greenbelt Assistance in Living Program was established in 2001 and is available to senior citizens residing in the City of Greenbelt, Maryland and/or caregivers of a Greenbelt senior. The goal of the Greenbelt Assistance in Living (GAIL) program is to provide information and support to enable seniors to remain in their homes. In FY 2017, a total of 63 Senior Adult Growing Educationally (SAGE) classes were available. This program, sponsored by Prince George's Community College, has proven to be very popular with Greenbelt's senior citizens. On May 12, 2017 a free interactive workshop to learn how to better manage blood pressure was sponsored by the Department of Family Services, Area Agency on Aging, Prince George's County. The City of Greenbelt provided free space for the workshop to take place in the Community Center. The City coordinates an annual Health & Wellness Fair free of charge for community residents, employees and their families. The Health & Wellness Fair event offers basic health screenings, demonstrations and information to promote healthy living. Active

Aging Week activities took place in September and October of 2017, which marks the sixth year the City participated in this national event. Activities were held in all parts of the City. A combined 244 individuals participated. Greenbelt is the only municipal Recreation Department in suburban Maryland with a full-time Therapeutic Recreation Program. Recreational opportunities for special populations having special needs, such as the elderly and the disabled, have been provided for in the FY 2018 budget. In FY 2017, individuals with special needs participated in all summer camp programs, Stitch For Charity, Ageless Grace and ceramic classes. Five (5) inclusion staff worked the summer camp programs providing accommodations and adaptations as needed for 50 participants with special needs.

Living Well Program Documentation

Workplace Wellness

Join Healthiest Maryland **Businesses**



Program Summary:

Healthiest Maryland Businesses is a statewide movement to create a culture of wellness—an environment that makes the healthiest choice the easiest choice. It is a "grasstops" social marketing campaign to engage leadership in promoting wellness within their sphere of influence. The goals of Healthiest Maryland Businesses are to: raise awareness of the importance of sustaining a healthy workforce; assist in an evidence-based workplace wellness approach; implement healthy workplaces practices & support the policies; help get recognize businesses for their commitment to support & promote the culture of wellness in the workplace. The workplace health model includes: assessment of the individual, organization and community; planning for leadership support, improvement plan; have dedicated resources and communication; implementation of programs, policies, and benefits; and finally evaluation of worker productivity, healthcare costs, and culture of health. On June 2, 2017, the City of Greenbelt received recognition of the Bronze Level at the 8th Annual Healthiest Businesses Wellness at Work Awards. Each year, the City of Greenbelt will reapply and work towards the next level.



Join Healthiest Maryland Businesses Documentation

Workplace Wellness **Program**



Program Summary:

The City of Greenbelt has been recognized locally and nationally for its recreational activities and health and wellness programs/classes. In 2007, the "Get Active Greenbelt" program was

developed to encourage all those who live, work, and play in the community to engage in a more active, healthier lifestyle. As part of that initiative, the "Be Happy, Be Healthy" employee wellness program was created and managed by the City of Greenbelt. This program offers lunchtime exercise classes free of charge or at a reduced rate for all employees. Activities include: yoga, volleyball, line dancing, unstructured exercise such as jogging, weightlifting, walking around Buddy Attick Lake or the gymnasium are also encouraged. As part of the employee wellness program, employees receive a discounted fitness pass to the Greenbelt Aguatic and Fitness Center. Participants are expected to make up the time spent exercising by adding time to their workday. In addition, programs such as Family Fit Nights. Active Aging Week for senior citizens, running clubs, and fitness classes are open to the public, and continue to be very popular. We offer food distribution and a cooking matters class for seniors. The Greenbelt Recreation Department's summer camp program added a health and wellness class that included aerobic activities, and explained the health benefits of being more active. The City of Greenbelt Health and Wellness Fair; a free program to the community offers healthy cooking demonstrations and lunches, and many more activities to promote healthier living. Some of the free screenings and services offered include: Blood pressure; Memory screening; Carbon monoxide screening; Grip strength; Lung capacity; Bone density; and Derma scan screening. These health and wellness programs continue to be a staple for the community of Greenbelt. The Greenbelt Recreation Department continues to add programs that promote a healthy active lifestyle. To date, the attendance in the center's fitness classes and programs has never been higher. And finally, the City of Greenbelt offers a free food distribution once a month. The food distribution is open to employees and the community and has been very successful. In 2009, Greenbelt received a Governor's Citation in recognition of the physical activities available to adults. In September 2011, the Washington Business Journal formally recognized the City of Greenbelt as one of the Greater Washington's Top 40 Healthiest Employers. 40 people or 20% of the full-time employees participate in the Work Place Wellness Program (Be Happy, Be Healthy). We are adding more lunch time programs/classes so that there is a broader selection to choice from. We are also opening classes to the public to ensure a high level of registration.

Morkplace Wellness Program Documentation

Local Economies

Innovative Demonstration Projects

25 Points

Program Summary:

The City of Greenbelt would like to present Eight Local Economies Innovative Demonstration Projects: 1) America Recycles Day, 2) Donation drop-off, 3) Shredding day, 4) Electronics Recycling, 5) Recycling, 6) Time Bank, 7) Zero Waste Week & Recycling Month, and 8) Zero

Waste Events. Refer to the attached document for more details.



Innovative Demonstration Projects Documentation

Buy Local Campaign

Buy Local Campaign 15 Points

Program Summary:

The City of Greenbelt supports establishments that use locally sourced ingredients. In July of 2016, the Greenbelt City Council and Mayor Jordan presented Kim Rush Lynch, of the University of Maryland College of Agriculture and Natural Resources, and Terry Kucera, president of the Greenbelt Farmers Market, with a proclamation declaring the week of July 23 - 31 as "Buy Local Week in Greenbelt" and encouraging residents to buy locally during that week and throughout the year. The proclamation was reported in the News Review and will continue as an annual campaign to promote local economies. Also, a Thanksgiving Article Press Release encouraging local food consumption was added to the City website in November 2016. Local restaurants, including the Silver Diner's menu features more than 15 local farms that support sustainable agriculture and creates seasonal dishes using the freshest ingredients and products available within our local region. Likewise, the New Deal Café utilizes ingredients from local sources and creates seasonal menu options.



Buy Local Campaign Documentation

Establish Local Business Directory

10 Points

Program Summary:

Greenbelt community resources include a dynamic calendar and extensive directories of businesses, organizations, public agencies, etc. The City of Greenbelt website has a link to a Property & Business Database Creator, which includes all businesses within the City of Greenbelt. A Dining & Shopping Guide is available for download on the City website. Additionally, Greenbelt Internet Access Cooperative (GIAC), a non-stock Maryland cooperative organized by community volunteers to help learn about and access the Internet, sponsors the Greenbelt website that lists the various local business and community resources available to its community members. GIAC also offers Internet access, e-mail, website hosting, and other services to its members via Greenbelt.com. The directory was fully developed by City staff many years ago. It is maintained by city staff and housed in our website under the tab "Community Resources". There are over 150 business listed. The Dining & Shopping in Greenbelt directory was last updated in May 2016. The City of

Greenbelt Business Directory is promoted and maintained by the Communications Department and on the City website. Additional community resources include a dynamic calendar and extensive directories of businesses, organizations, and public agencies. Greenbelt Internet Access Cooperative (GIAC), a non-stock Maryland cooperative organized by community volunteers to help learn about and access the Internet, sponsors the Greenbelt website that lists the various local business and community resources available to its community members. The Business Directory can be found online at: http://www.greenbeltmd.gov/index.aspx?nid=739

Establish Local Business Directory Documentation

Local Business Roundtable

15 Points

Program Summary:

The City of Greenbelt is presenting three local business roundtables: 1) Roosevelt Center Merchants Association, 2) The CO-OP Supermarket and Pharmacy Annual Meeting and, 3) Roundtable with Public Works and Beltway Plaza Mall. Please see the attached document for additional details.

Local Business Roundtable Documentation

Local Business Roundtable Documentation

Local Business Roundtable Documentation

Green Business Recognition

Join Maryland Green Registry

5 Points

Program Summary:

In 2017, the City of Greenbelt joined the Maryland Green Registry with twelve qualifying environmental practices. Please see the attached document for more details.

Join Maryland Green Registry Documentation

Green Purchasing

Evaluate Current Purchasing Practices



Program Summary:

In May 2012, a study on Greenbelt's green purchasing practices was presented to the City Council and staff at the City of Greenbelt. The study was conducted by Amelia Goh, Nicole Horvath, and Shounok Sinha of the University of Maryland. In September 2014, this report was used as a training document for the Maintenance Supervisor and Janitorial Crews at Public Works to encourage purchasing and the correct use of environmentally-preferable products. Please refer to the attachment for additional details. With regard to cleaning and janitorial products, Public Works is the only entity in the City in charge of purchasing these products. All the staff with procurement decision-making responsibility regarding cleaning and janitorial products were informed of and are following these guidelines. With regard to other products purchased by the City, there is no central procurement process, each office is in charge of purchasing their own paper, office supplies, office equipment, etc. Having said this, the City has had for decades a culture of "buy green" and "buy local". There is no City policy regarding this, but such culture is incorporated in the RFPs where local and green products are requested and considered. Since 2010 the City has been following the recommendations provided in Report to City Council No. 2010-03 (see attached) that states: Green ACES recommends that City Council request that city procurement purchase recyclable alternatives to polystyrene (i.e., Styrofoam™ and similar products), such as paper/cardboard cups and plates in place of Styrofoam™ cups and plates. In addition, city procurement should seek paper products made of post-consumer waste. Green ACES recommends further that City Council request the City Manager insert language into vendor agreements requiring the vendors/caterers to reduce and manage their waste more effectively during events that the City sponsors or stages, including the Labor Day Festival, 4th of July celebration, and the annual Advisory Committees award dinner.

Evaluate Current Purchasing Practices Documentation



Green Purchasing Policy

15 Points Priority

Program Summary:

The City of Greenbelt's Green Purchasing Policy was developed by the Department of Public Works to guide the purchasing and ordering of materials for the upkeep of the City's infrastructure. The Policy was drafted by the Sustainability Coordinator and Environmental Coordinator using a template from the City of Portland provided by Sustainable Maryland Certified. The document was edited to reflect the practices of the City of Greenbelt. The Policy was then approved by the Director of Public Works to ensure proper personnel were held accountable and responsible for decision making. The Policy changed purchasing practices for toilet paper, soap dispensers, concentrated cleaning fluids, reusable towels, vacuum cleaners, and more. Please refer to the attachment for additional details.



Purchase Environmentally Preferable Products

10 Points

Program Summary:

Using a report by the University of Maryland on the purchasing practices of the City, several employees from the Greenbelt Department of Public Works attended a seminar in Washington, DC to meet with chemical cleaning distributers in 2014. This led to an appointment that was made with Staples for a product pitch of environmentally-preferable cleaning products. After the presentation, the Department of Public Works opted into purchasing cleaning products with reduced environmental impacts. These products continue to be purchased by the City of Greenbelt on an ongoing basis. Additionally, the Department of Public Works purchases recycled toilet paper and printer paper for their office use and LED light bulbs for the City offices. Please refer to the attachment for additional details.



Purchase Environmentally Preferable Products Documentation

Vendor Preference Statement



Program Summary:

The City of Greenbelt has provided the following Vendor Preference Statement to a list of its vendors: "The City of Greenbelt prefers to do business with companies that are locally owned, sell products or services that comply with environmentally preferable purchasing guidelines, produce minimal waste and use recycled products and environmentally preferable purchasing (EPP) practices." The statement was sent to the Department's long-standing vendors and will be sent to new vendors as they are contacted by the Department. Please see attached document for more details.



Vendor Preference Statement Documentation

Natural Resources

Innovative Demonstration Projects



Program Summary:

The City of Greenbelt is presenting Three Natural Resources Innovative Demonstration Projects: 1) Recycling Workshops & Sustainability Displays 2) Data Collection using GIS:

Street Trees, Memorial Trees, Litter Hotspots, and more, and 3) Grand Re-Opening of the Forebays at Greenbelt Lake. 1) Public Works performed outreach and education on recycling and sustainability at the Stinger Ghaffarian Technologies Safety Day, Rotary Club, Team Illusion 4664, for residents of Green Ridge House, Cub Scouts, Greenbelt Community Church and Girl Scouts. Likewise, Public Works promoted energy efficiency (light displays with LEDs and CFLs), rain barrels, composting, and recycling at the Labor Day Festival through the Public Works booth. 2) In 2016, GIS Day was celebrated with a demonstration of PGCLitterTrak, a mobile app that tracks volunteer cleanups. In 2016, a map of litter hotspots was established and continues to be updated on a regular basis. The Street Tree Inventory continues to be updated using Collector for GIS on an ongoing basis. In 2015, the Memorial Tree Inventory was established using Collector for GIS. The Green Team's Pathways of Sustainability is also using GIS to collect an inventory of watershed best management practices, including rain gardens, rain barrels / cisterns, permeable pavement, compost bins, and pesticide-free pollinator gardens on public and private property. 3) In 2016, the dredging of the forebays at Greenbelt Lake removed 2,385 cubic yards of accumulated sediment. The four-month renovation cost \$1 million from the County's Storm Water Utility Fee a.k.a. "Rain Tax". On December 3, the Grand-Reopening of the Forebays included a walking tour of the forebays and an educational presentation about upstream protection tips to reduce the amount of polluted stormwater runoff from entering the forebays. Please see attached document for more details.

Legion Greenbelt- NRIDP- Forest Stewardship, Greenhill/Hillside Stream Restoration, Street Tree Inventory

Innovative Demonstration Projects Documentation

Tree City USA

15 Points

Program Summary:

The City of Greenbelt has earned the national designation of Tree City USA by the Arbor Day Foundation for seventeen (17) consecutive years. To qualify as a Tree City USA community, a town or city must meet four standards established by The Arbor Day Foundation and the National Association of State Foresters: 1. A tree board or department 2. A tree care ordinance 3. A community forestry program with an annual budget of at least \$2 per capita 4. An Arbor Day observance and proclamation City operations focus on the tree canopy, which is currently at 62% - one of the highest tree canopy percentages in the region. A few years ago, Public Works completed their street-tree master plan to identify gaps in the street tree canopy and improve on those gaps. In FY17, City crews planted 144 new trees and maintained 239 trees in parks and street right-of-ways. Street Tree and Memorial Tree Inventories were established and updated using GIS. Members of the Advisory Committee on Trees (ACT) were trained to verify street tree species using Collector for ArcGIS. The

Greenbelt Forest Stewardship Project Weed Warriors continued to remove and reduce the cover of invasive plant species in public parks with the help of over 100 volunteers. Public Works wrote a Request For Proposals (RFP) for a tree master plan for city-wide tree management. Davey Resource Group was selected to produce a tree master plan that should be finalized in Spring 2017. The plan will guide city planting decisions, ensure a safe, attractive and sustainable tree canopy, ensuring proper species selection and identify gaps in the tree canopy.



Tree City USA Documentation

Pet Waste

Adopt a Pet Waste Ordinance



Program Summary:

The City of Greenbelt had previously approved a pet waste ordinance in the City Code under Chapter 3: Animals, Sec. 3-66. Defecation; removal of excrement. This ordinance remains in effect. Please see attached document for further details.



Adopt a Pet Waste Ordinance Documentation

Implement a Pet Waste Education **Program**



Program Summary:

The City of Greenbelt Public Works Department, Prince George's County Department of Environment, and Greenbelt Homes Inc. (GHI) Companion Animal Committee partnered up to implement a pet waste education program in Spring 2017. On April 6, members from each of Greenbelt's partner organizations attended the County's Pet Waste Summit. The partnership was developed to remind dog owners to stop "poo-llution" by simply picking up or "scooping the poop" 100 percent of the time. An article titled "It May Be a Dirty Job, But You Still Have to Doo It" was published in the Greenbelt News Review on March 23, 2017. On April 27, the first informational table was set up with an educational game and brochures on Ridge Road to raise awareness and start conversations about pet waste. The educational outreach table, game and brochures were also featured at the GHI Annual Meeting on May 11 and at Greenbelt's Dog Park Pet Expo on June 3.

Implement a Pet Waste Education Program Documentation

Stormwater Management

Stormwater Management Program

15 Points Priority

Program Summary:

The City of Greenbelt has fulfilled the Stormwater Management Program requirements through the Prince George's County Stormwater Restoration Program. The Greenbelt City Council unanimously opted into Prince George's County's Stormwater Restoration Program (SWRP) at the October 22, 2012 meeting. The purpose of the SWRP is to establish a stormwater remediation system of charges and to provide a plan for improving stormwater management through restoration work in municipalities, the County and ultimately, the Chesapeake Bay. In December 2014, the Prince George's County Department of the Environment (DoE) developed restoration plans for five major watersheds—Anacostia River, Patuxent River Basin, Mattawoman Creek, Piscataway Creek and Potomac River. Each plan describes the pollutants and sources of those pollutants specific to each water body, the land uses and natural features in the watershed, a method for determining the amount of pollutant reductions that need to be achieved and targeted pollutant reduction strategies for each watershed. The strategies were prioritized and include both programmatic initiatives (e.g., pet waste campaign, street sweeping) as well as on-the-ground, pollution-reducing best management practices (BMPs). Each plan also provides the anticipated restoration schedule along with associated implementation costs of the restoration activities and the expected funding sources. The City of Greenbelt falls into the Restoration Plan for the Anacostia River Watershed in Prince George's County. Greenbelt has completed a number of stormwater and environmental site design related projects at several City facilities including installation of rain gardens, rain cisterns, permeable pavement, stream restoration projects, extensive native plantings, and volunteer shoreline clean-ups. The City picks up leaves and yard debris from residents and City parks and takes them to Northway Field for composting. The Street Sweeper is shared by the Four Cities Coalition of Greenbelt, Berwyn Heights, College Park, and New Carrollton. The Street Sweeper services all City streets at least eight times per year. Public Works developed a "Storm Water Pollution Prevention Plan" (SWPPP) in FY 2016 and a "Spill Prevention Control and Countermeasures Plan" (SPCC) in FY 2017. The SWPPP and SPCC must be updated annually. Two of the requirements are pollution prevention and good housekeeping. The City is required to make sure that employees prevent stormwater pollution. The training of all staff members has occurred and is required yearly. It also requires additional inspection and water testing that must be done either on a daily, weekly, quarterly or yearly basis. The department is continuing to work with Prince George's County on improving water quality in Greenbelt.

Stormwater Management Program Documentation

Stormwater Manager / Coordinator

15 Points

Program Summary:

In FY 2017, the Environmental Coordinator position was created to perform professional and technical work developing, coordinating, implementing, and administrating programs and policies, as well as City compliance with applicable federal and state environmental laws related to environmental issues throughout the City. The essential job functions include: Assisting in the implementation of programs in accordance with the City's Municipal Storm Water (MS4) permit to achieve National Pollutant Discharge Elimination NPDES compliance; Performing daily facility inspections, quarterly rain garden inspections, and quarterly stormwater visual monitoring at Public Works; Developing and implementing policies, programs, and partnerships that protect the natural environment and promote the City's environmental initiatives; Organizing and conducting public outreach efforts and public education programs dealing with sustainability and environmental issues; developing and disseminating educational materials. The Environmental Coordinator position was filled by Erin Josephitis on August 1, 2016. Since starting, the Environmental Coordinator has become certified as a Certified Stormwater Inspector by NPDES and Responsible Party for Erosion and Sediment Control by MD Transportation Technology Transfer Center.

E Stormwater Manager / Coordinator Documentation

Water Conservation

Develop a Water Conservation Outreach Program

10 Points

Program Summary:

Through a partnership with the Interstate Commission on the Potomac River Basin (ICPRB), the City of Greenbelt offered residents rain barrels as a water conservation technique. In 2016, 47 rain barrels were sold to residents, the target audience being homeowners throughout Greenbelt to establish pathways of stormwater management throughout the city. Local media outlets such as online postings, local newspapers articles, fliers, and word of mouth were used as outreach methods in this campaign. The timeline for workshops on stormwater management, including how to finance projects through the Prince George's County Rain Check Rebate Program, provided by the City of Greenbelt in partnership with Prince George's County Department of the Environment, was between January and March 2016 and in February 2017. Additionally, at the December 3rd 2016 Clean Water Partnership presentation at the grand reopening of the Forebays there was a presentation on water conservation in landscaping, the EPA's water sense program and how to conserve water in

your home.

Program Documentation Develop a Water Conservation Outreach Program Documentation

Povelop a Water Conservation Outreach Program Documentation

Watershed Stewardship

Facilitate Engagement in Existing Watershed Stewardship Opportunities

20 Points

Program Summary:

Greenbelt has taken the following steps to facilitate engagement in existing watershed stewardship opportunities: 1. Water Quality and Development Workshop 2. Green Yards and Garden Workshop 3. Cub Scout Recycling Presentation 4. Greenbelt Great Rain Barrel Event 5. Storm Water Solutions: Rain Gardens Workshop Series. See attached documentation for further information.

Pige Greenbelt- Facilitate Engagement in Existing Watershed Stewardship Opps

E Facilitate Engagement in Existing Watershed Stewardship Opportunities Documentation

Implement Watershed Stewardship / Pollution Prevention Outreach Program(s)

10 Points

Program Summary:

The City of Greenbelt has taken the following steps to implement watershed stewardship / pollution prevention outreach programs: 1. Greenbelt Info Wall 2. Green Steps (City Website, Green Steps Calendar, Quarterly Greenbelt Bulletin) 3. Litter Pollution Prevention Campaign 4. Watershed Groups. Please refer to the attached document for more details.

▶ Implement Watershed Stewardship / Pollution Prevention Outreach Program(s)
Documentation

Provide Incentives for Watershed Stewardship on PrivateLands

15 Points

Program Summary:

The City of Greenbelt offers the following incentives for watershed stewardship on private lands: 1) Compost Workshops / Discounted Backyard Compost Bins 2) Rain Garden

Capstone Project 3) Great Greenbelt Rain Barrel Event 4) Tour of Watershed Best Management Practices 5) Rain Garden Workshop Series. Please see attached document for more details.

Provide Incentives for Watershed Stewardship on Private Lands Documentation

Provide Voluntary Opportunities for Citizen Engagement in Watershed Stewardship

10 Points

Program Summary:

Greenbelt provides voluntary opportunities for citizen engagement in watershed stewardship through: planting trees, protecting trees from beavers, removing invasive species, cleaning up litter, storm drain stenciling, promoting zero waste at festivals and events, composting, organic gardening, and collecting GIS data. The total number of volunteer hours served has grown from 4,205 hours in 2015 to 4,324 hours in 2016. The trend is expected to continue growing in 2017. In 2016, volunteers protected 211 trees from beavers and invasive English ivy, cleaned up 1,020 pounds of litter, and diverted 1,126 pounds of compostables from the landfill for composting. On Arbor Day 2017, 60 volunteers planted 33 native trees and shrubs at Buddy Attick Park with the support of Greenbelt Public Works and the Advisory Committee on Trees (ACT). On Earth Day 2017, 42 volunteers cleaned up over 385 pounds of litter from the shorelines of Indian Creek and managed the CHEARS Gardens and Greenbelt Food Forest at Springhill Lake Recreation Center with the support of Greenbelt Public Works. Greenbelt Advisory Committee on Environmental Sustainability (Green ACES) / Green Team, Chesapeake Education, Arts, and Research Society (CHEARS), and Alice Ferguson Foundation. Since 2014, the City of Greenbelt in partnership with the Green Team's Zero Waste Circle have maximized recycling efforts and diverted a total of 2,414 pounds of compostable materials from the landfill by performing outreach and education at 23 zero waste community festivals and events. See annual volunteer events from FY 2016-17 below: -Weed Warriors (weekly mid-June through early-August) -Day to Serve October 8, 2016 -Columbus Day of Service October 10, 2016 -Clean Up Green Up October 29, 2016 and April 29, 2017 - America Recycles Day November 19, 2016 - Martin Luther King Jr. Day of Service January 16, 2017 - Presidents' Day of Service February 20, 2017 - International Forest Day March 25, 2017 - Arbor Day April 8, 2017 - Earth Day April 22, 2017 - National Trails Day June 3, 2017 - Chesapeake Bay Week June 10, 2017

Greenbelt-Provide Voluntary Opportunities in Watershed Stewardship

Provide Voluntary Opportunities for Citizen Engagement in Watershed Stewardship Documentation

Planning & Land Use

Innovative Demonstration Projects

30 Points

Program Summary:

The City of Greenbelt would like to present Two Planning and Land Use Innovative Demonstration Projects: 1) Pedestrian and Bicyclist Master Plan and the 2) Sustainability Plan Framework. Please see the attached document for more details.



Innovative Demonstration Projects Documentation

Participation in DHCD Sustainable Communities

20 Points

Program Summary:

In 2014, The Maryland Department of Housing and Community Development (DHCD) announced the City of Greenbelt was officially named a Sustainable Community. The City was fortunate that it had recently completed community visioning sessions throughout the City, and was actively participating in the County's update to the Greenbelt Metro Area and MD 193 Corridor Sector Plan during the drafting of its SC Action Plan. These efforts involved significant community input, and served as a framework for the initiatives and performance measures contained in the City's SC Action Plan. The City's Department of Planning and Community Development assumed the lead role in drafting the SC Plan, but collaborated with City Departments and other key stakeholders. Using the outcomes of the community planning efforts discussed above; management objectives and issues outlined in the City's budget, existing plans and studies; and elements of the City's Community Legacy application and Action Plan, the City was able to develop a comprehensive, city-wide strategic Action Plan. The Action Plan was prepared by City staff and approved by the City Council prior to submission to the State. The Department of Planning staff has a proven track record for successfully completing community revitalization initiatives. The bulk of the City's development pre-dates 1985 and the historic section of the City dates back to 1937. As a result, there are endless opportunities to encourage stormwater management practices that will reduce stormwater flows. For example, the City has completed a number of stormwater related projects over the last few years including installation of rain gardens, stream restoration projects, extensive native plantings, stream clean-ups, installation of rain barrels at City facilities, and installation of pervious pavement. Preparation of the SC Action Plan required a significant investment of staff time. It is estimated that approximately 160 hours of staff time went into completing the application/action plan, representing an investment of approximately \$8,600. The biggest challenge to completing the Action Plan was finding the staff time to allocate to the drafting of the application/Action Plan. The City would have liked

to have submitted the Plan earlier in the program, but due to work load demands and limited planning staff the application process was delayed. Another challenge the City faced was related to the limited number of characters that were allowed in responding to the SC application questions and in preparing the SC Action Plan.

Participation in DHCD Sustainable Communities Documentation

Participation in DHCD Sustainable Communities Documentation

Land Preservation

Conduct Easement Outreach that Encourages Inspection, Evaluation, and Stewardship

15 Points

Program Summary:

Although done in a slightly different manner than that described by the Sustainable Maryland Certified (SMC), the Greenbelt Forest Preserve is achieving essentially the same goals: To encourage strategic land protection which provides habitat, air and water quality benefits; helps preserve community character; and ensures protected properties are managed in the way originally intended by the landowner. The City of Greenbelt has conducted easement outreach that encourages inspection, evaluation, and stewardship through the Greenbelt Forest Preserve Health Assessment, Greenbelt Forest Preserve, and Forest Preserve Advisory Board. In 2016, a Forest Preserve Health Assessment was drafted by A Morton Thomas. The goal of the Greenbelt Forest Preserve is: To encourage strategic land protection which provides habitat, air and water quality benefits; helps preserve community character; and ensures protected properties are managed in the way originally intended by the landowner. A citizens group, the Committee to Save the Green Belt, formed in 1987 to save the woods from development until the City Council passed a resolution in 2003 to form the Greenbelt Forest Preserve. It contains over 225 acres of protected forested land that Greenbelt citizens use to explore and appreciate the city's natural ecosystem. The Greenbelt Forest Preserve sponsors ongoing outreach events, including the Annual Pumpkin Walk through the woods each fall. On April 29, 2016, Joan Maloof led a reception and talk of her book, The Healthiest Forest Biodiversity and Old-Growth, in honor of Arbor Day. Additional events to honor the Greenbelt Forest Preserve are planned to continue for years to come. The Forest Preserve Advisory Board (FPAB) advises the City Council on the formulation of policy related to the management and maintenance of the Greenbelt Forest Preserve and on the designation of the forest preserve areas. FPAB annually reports to the City Council on the health and condition of the forest preserve and monitors the forest preserve and the activities within it, reporting any circumstances requiring attention. FPAB reviews and makes recommendations on the Management and Maintenance Guidelines and the Forest Preserve Article of the City Code. The board also sponsors educational and interpretive programs

designed to preserve community character and to further the city's objective of protecting the forest preserve areas.

E Conduct Easement Outreach that Encourages Inspection, Evaluation, and Stewardship Documentation

Lity of Greenbelt Forest Preserve Management and Maintenance Guidelines